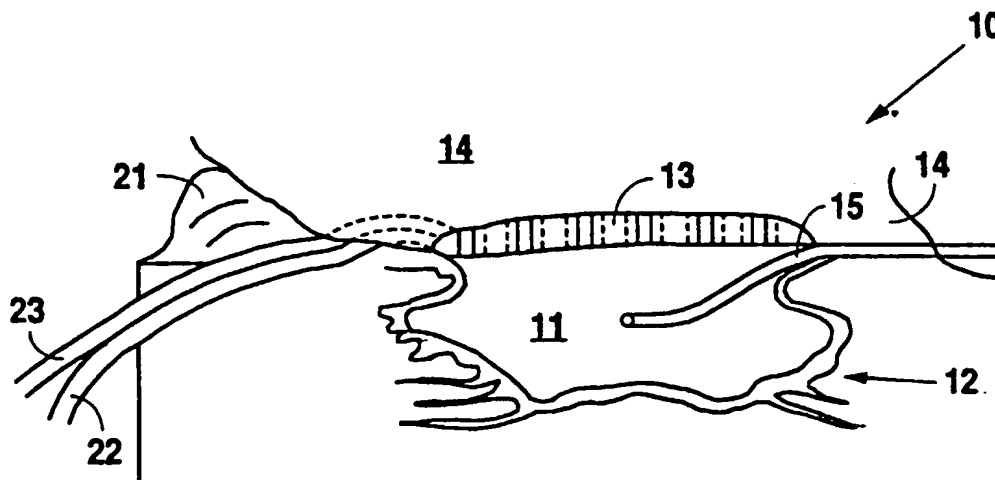




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(54) Title: VACUUM ASSISTED CLOSURE SYSTEM WITH HEATING AND COOLING PROVISION

**(57) Abstract**

A method, and apparatus (10) for the controlled acceleration, and/or retardation of the body's inflammatory response generally comprises a foam pad (11) for insertion substantially into a wound site, a heating, a cooling pad (13) for application over the wound site (12), a wound drape (14) or sealing enclosure of the foam pad (11), the heating, and cooling pad (13) at wound site (12). The foam pad (11) is placed in fluid communication with a vacuum source for promotion of the controlled acceleration or retardation of the body's inflammatory response. The heating, and cooling provision controls the local metabolic function as part of the inflammatory response.

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